

NEBRASKA ADMINISTRATIVE CODE

TITLE 229 - DEPARTMENT OF LABOR

CHAPTER 20 - POWER BOILERS - NEW INSTALLATIONS

001. This chapter is adopted pursuant to *Neb. Rev. Stat. §48-727*.

002. A. No new power boiler shall hereafter be brought into this state or installed unless it has been constructed and inspected in accordance with the requirements of ASME Section I Rules for Construction of Power Boilers and is so stamped, or is inspected and stamped in accordance with the requirements of the National Board of Boiler and Pressure Vessel Inspectors or has been approved as a "state special." A boiler having a standard stamping of a state that has adopted a standard of construction equivalent to the standard of the State of Nebraska may be accepted by the Department provided that the person desiring to install same shall make application and obtain approval for the installation of same and shall file with the application a manufacturer's data report covering the construction on the boiler in question.
- B. Upon completion of installation, all such boilers shall be inspected by the chief inspector or a deputy inspector and at least once each year thereafter shall be subjected to an inspection unless exempted by other provisions of this Title or the Act.
- C. All power boilers shall be equipped with controls and safety devices, based upon the btu/hr burner input, as specified in the original code of construction, and in accordance with the following codes and standards:
1. Boilers with gas or fuel oil input ratings of less than 12,500,000 btu/hr shall meet the requirements of ASME CSD-1, Controls and Safety Devices for Automatically Fired Boilers.
 2. Boilers with fuel input ratings of 12,500,000 btu/hr and above shall meet the requirements of NFPA-85 Boiler and Combustion Systems Hazard Code.
 3. All electric boilers, regardless of input, shall meet the requirements of ASME CSD-1 Controls and Safety Devices for Automatically Fired Boilers.

4. All atmospheric fluidized-bed boilers, boilers with pulverized fuel systems and boilers that are stoker fired shall meet the requirements of NFPA-85 Boiler and Combustion Systems Hazard Code.
5. All heat recovery steam generators (HRSG's) shall meet the requirements of NFPA-85 Boiler and Combustion Systems Hazard Code.
6. For boilers that are fired by other types of fuel not covered in CSD-1 or NFPA-85, the Chief Inspector shall be contacted to determine what types of fuel burning controls are to be acceptable to ensure the safety of the unit and personnel. The Chief Inspector shall use the requirements in ASME CSD-1, NFPA-85, ANSI Standards or Underwriters Laboratories Standards and the manufacturer's specifications to determine the appropriate fuel controls to be installed.

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